



File Code: 3400
Date: October 20, 2009

Mr. Casey Reese
Appalachian Trail
USDI National Park Service
252 McDowell Street
Harpers Ferry, WV 25425

Dear Casey:

On September 15 and 16, 2009, USDA Forest Service personnel conducted a gypsy moth egg mass survey in the gypsy moth treatment blocks on the Appalachian Trail in Pennsylvania. The purposes of the survey were to determine population densities, evaluate the efficacy of this year's treatments, assess the potential for defoliation and the need for treatment in 2010.

Gypsy moth survey plots were randomly selected based upon available host trees (oak species), size of sample area and uniformity between egg mass counts. At each sample point, a 1/40th acre fixed radius plot was established. The plots consisted of a tally of all the new (2009) egg masses observed on the overstory trees, understory vegetation, ground litter and duff.

Gypsy moth egg mass survey plot locations along with the 2009 gypsy moth treatment areas are shown in Figures 1-8. I am pleased to report that no new egg masses were found during the survey. Treatment will not be necessary in any of these areas in 2010.

Please contact me at (304) 285-1555 if you have any questions regarding the gypsy moth egg survey.

Sincerely,

RODNEY L. WHITEMAN
Forester
Forest Health Protection

Enclosure

Cc: Kevin Carlin, PA BOF
Jil Swearingen, CUE
Robert Lueckel, MFO

Figure 1.-- General location map of the 2009 gypsy moth spray blocks on the Appalachian Trail in Pennsylvania.

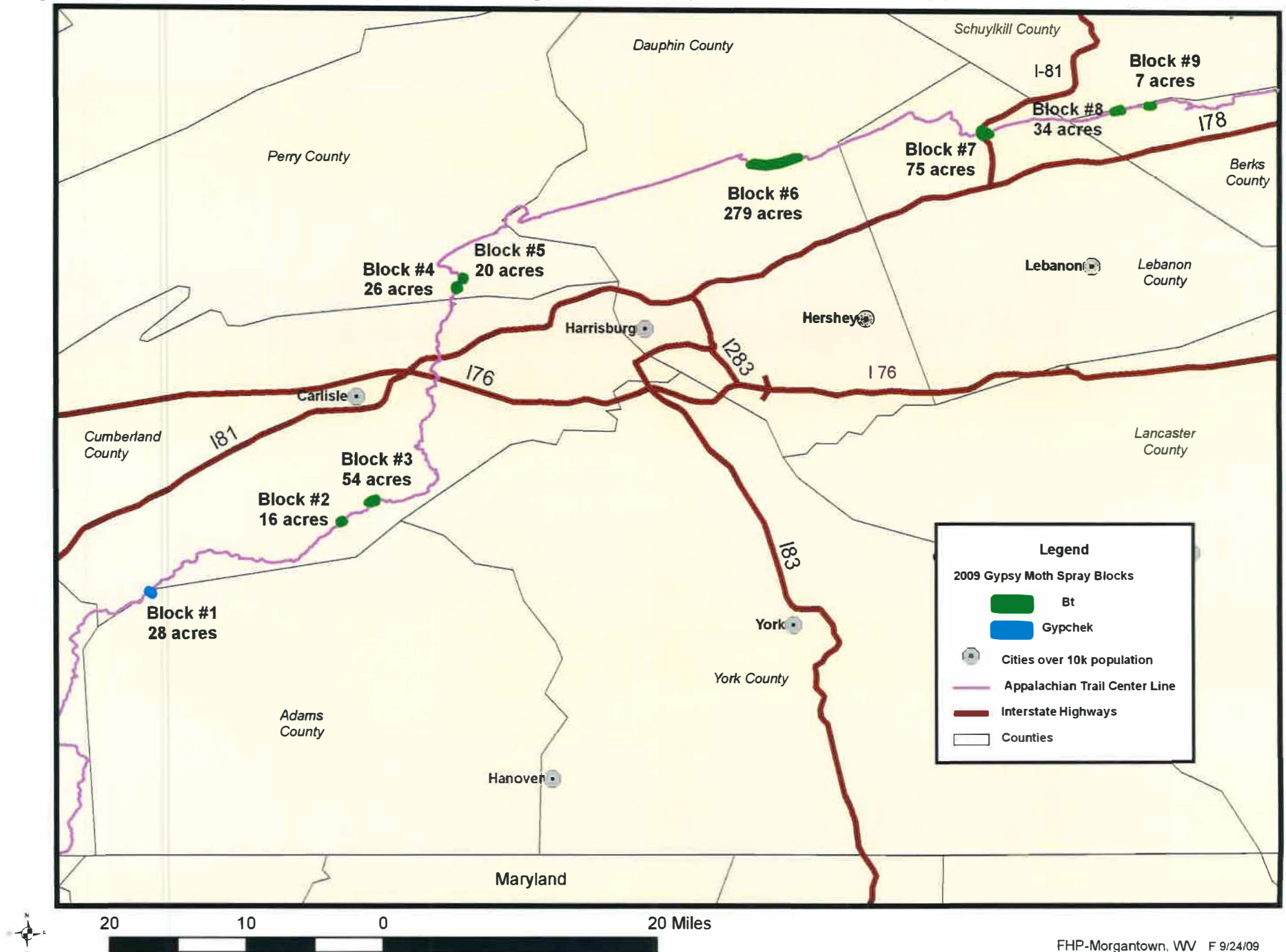


Figure 2. Gypsy moth egg mass survey plot locations in block #1 on Appalachian Trail in Pennsylvania, Sept 15, 2009.

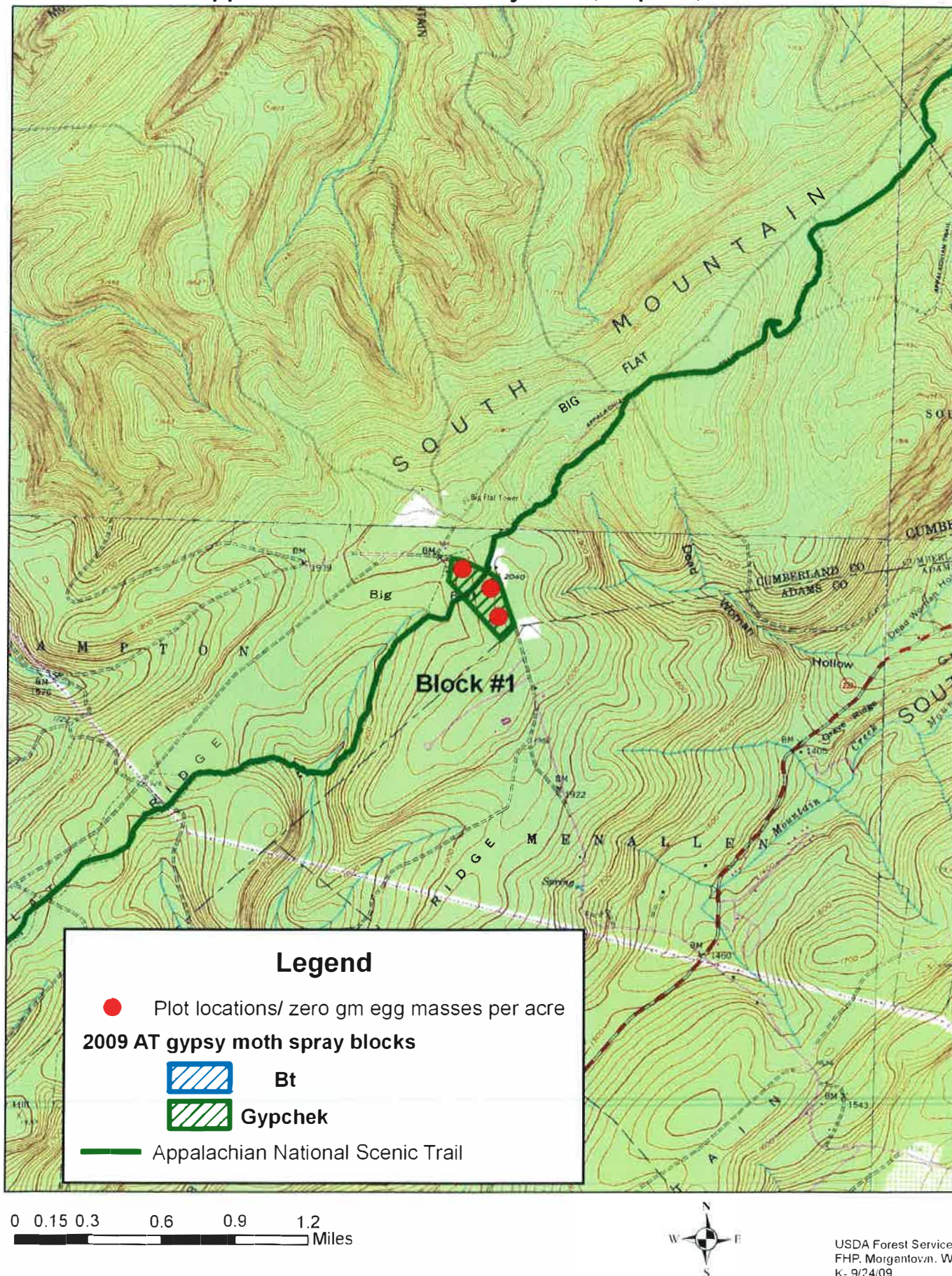


Figure 3. Gypsy moth egg mass survey plot locations in block #2 on Appalachian Trail in Pennsylvania, Sept 16, 2009.

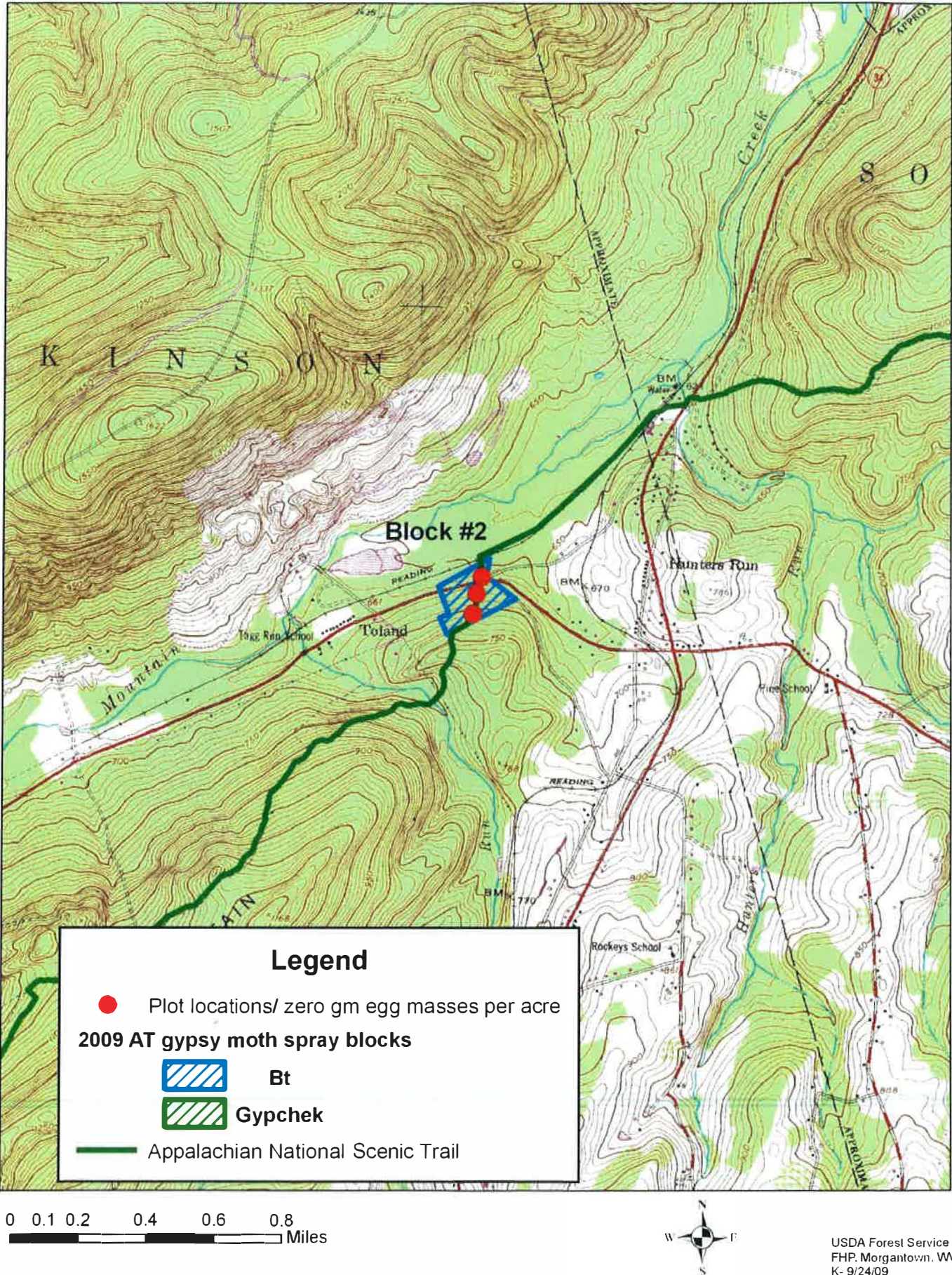
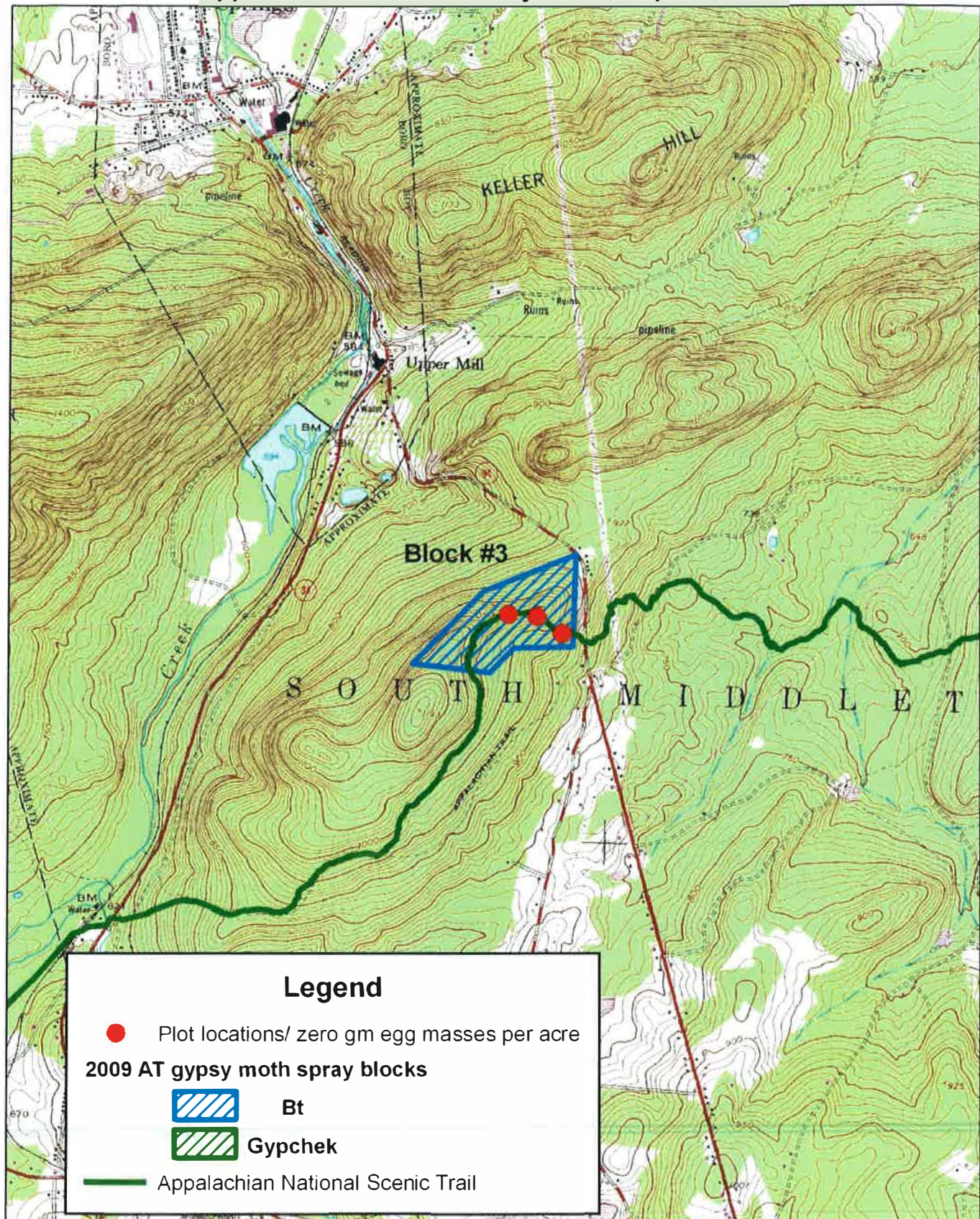


Figure 4. Gypsy moth egg mass survey plot locations in block #3 on Appalachian Trail in Pennsylvania, Sept 16, 2009.



0 0.1 0.2 0.4 0.6 0.8
Miles



Figure 5. Gypsy moth egg mass survey plot locations in blocks #4 and blocks #5 on Appalachian Trail in Pennsylvania, Sept 15, 2009.

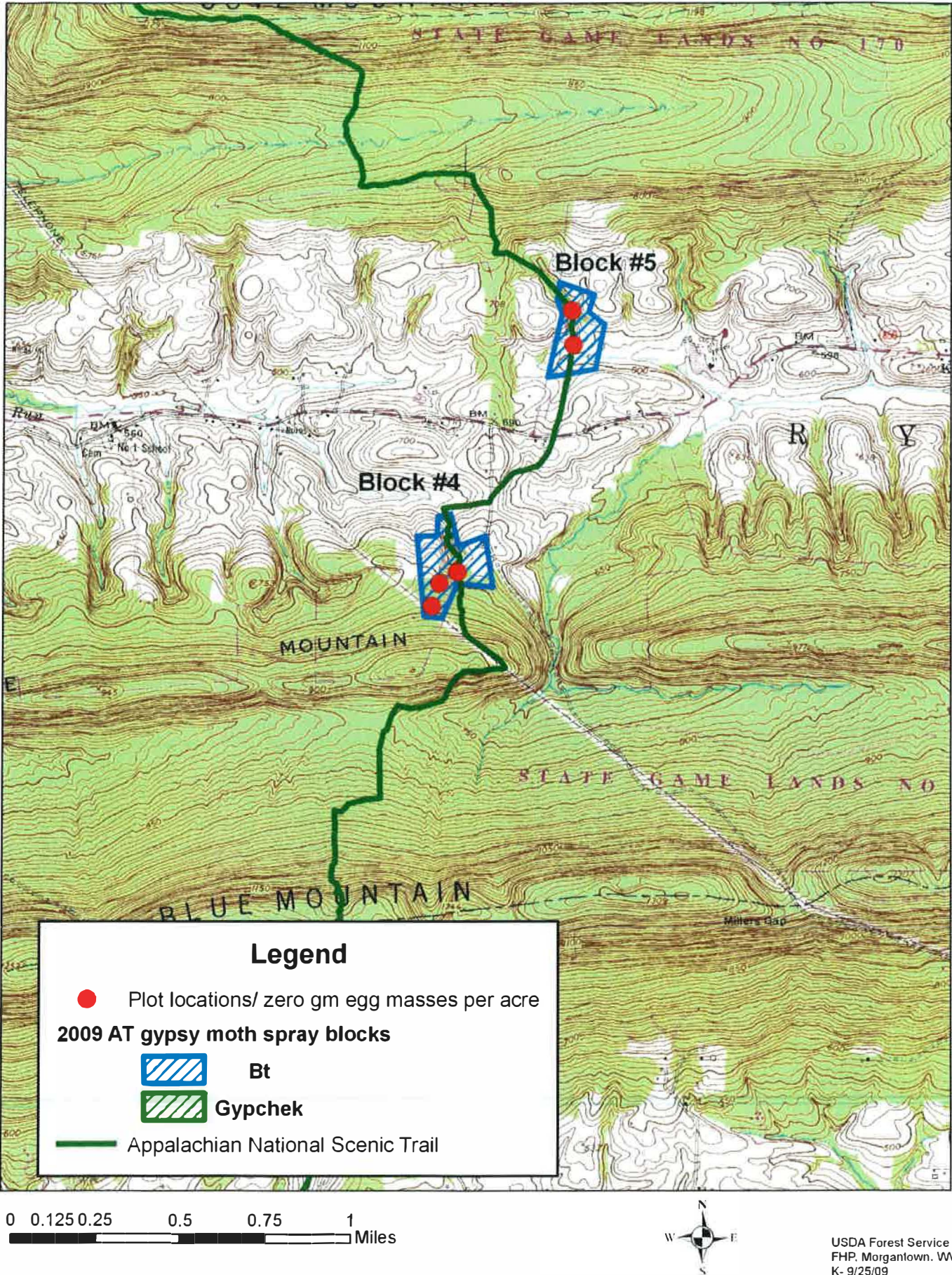
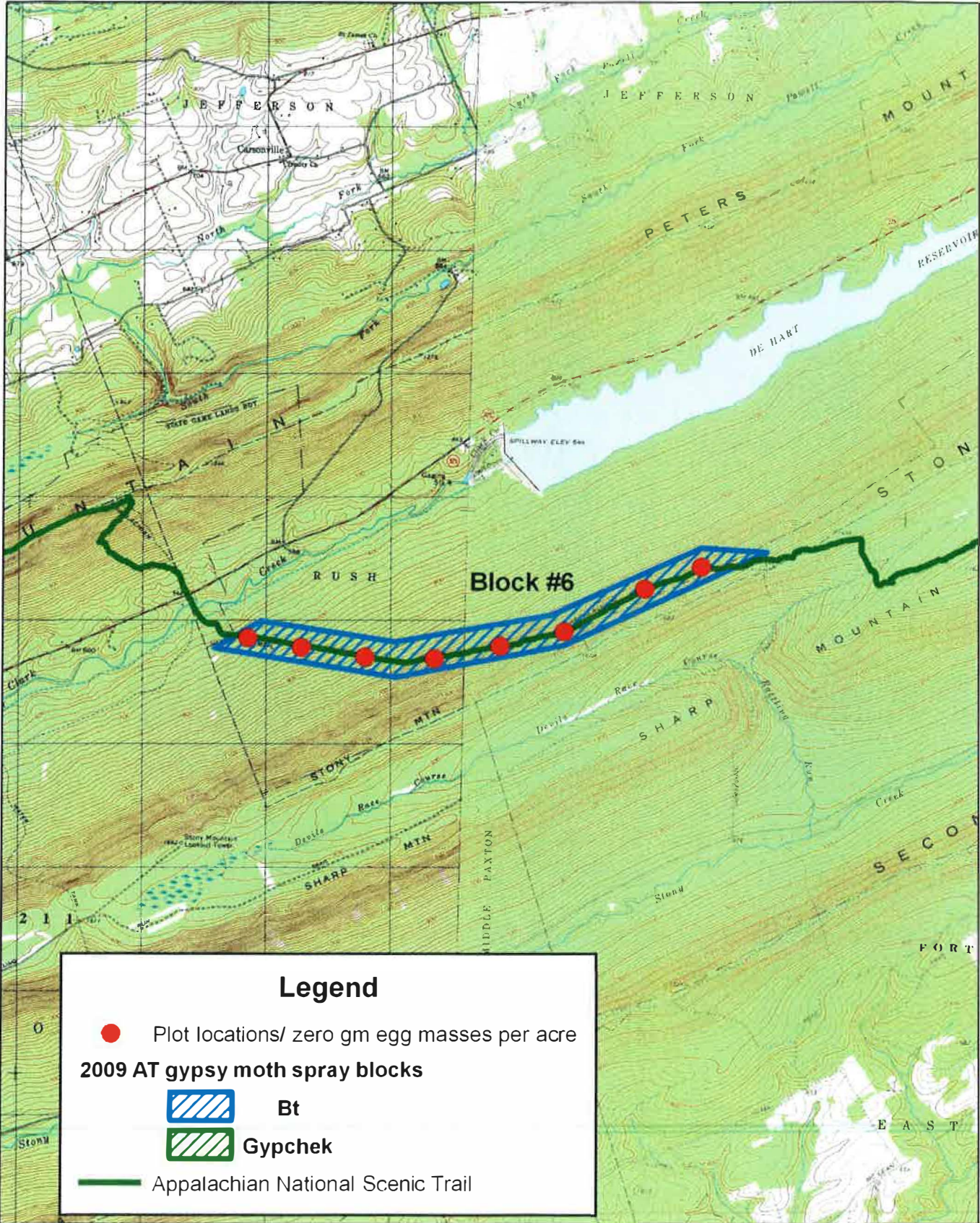


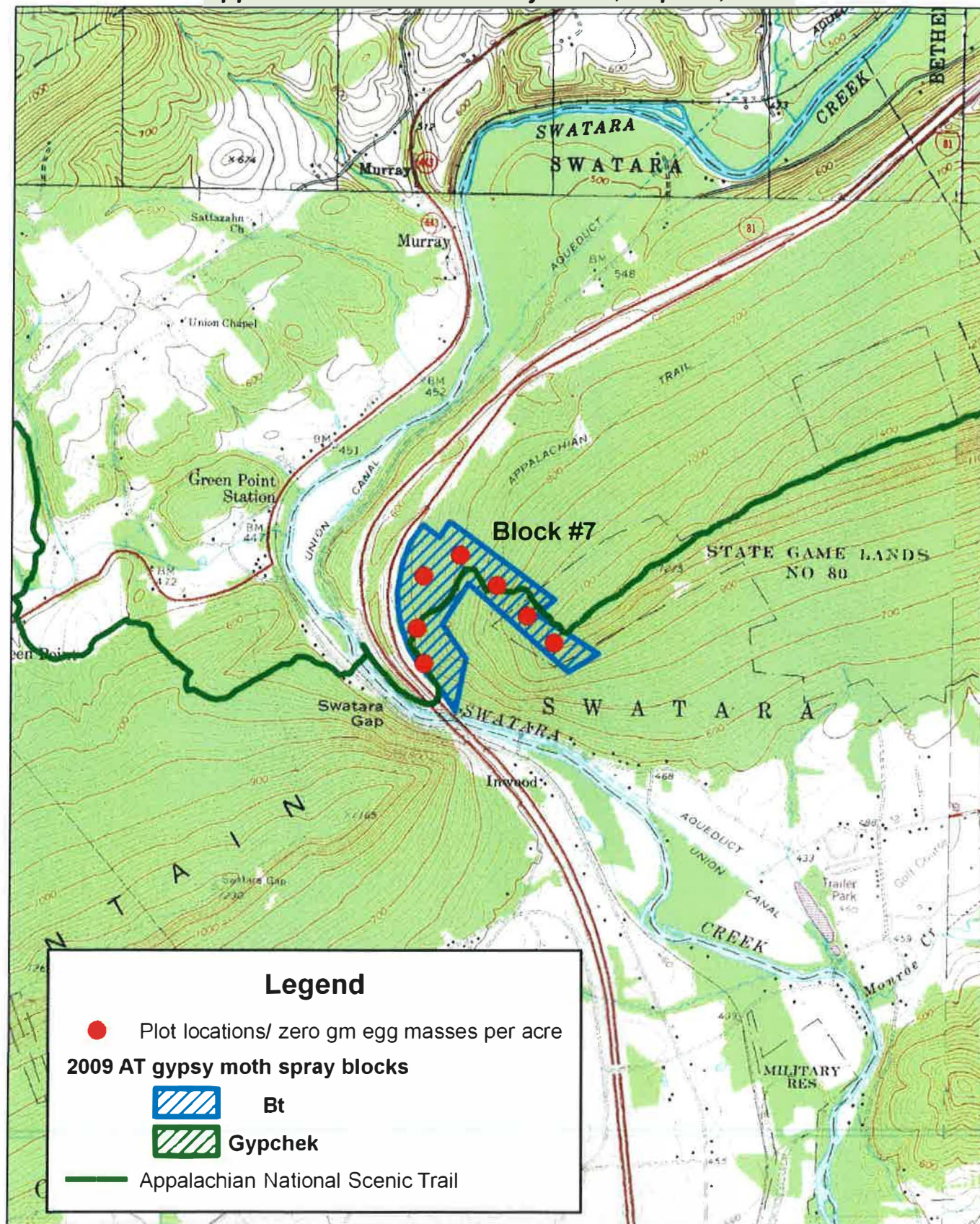
Figure 6. Gypsy moth egg mass survey plot locations in block #6 on Appalachian Trail in Pennsylvania, Sept 16, 2009.



0 0.150.3 0.6 0.9 1.2 Miles



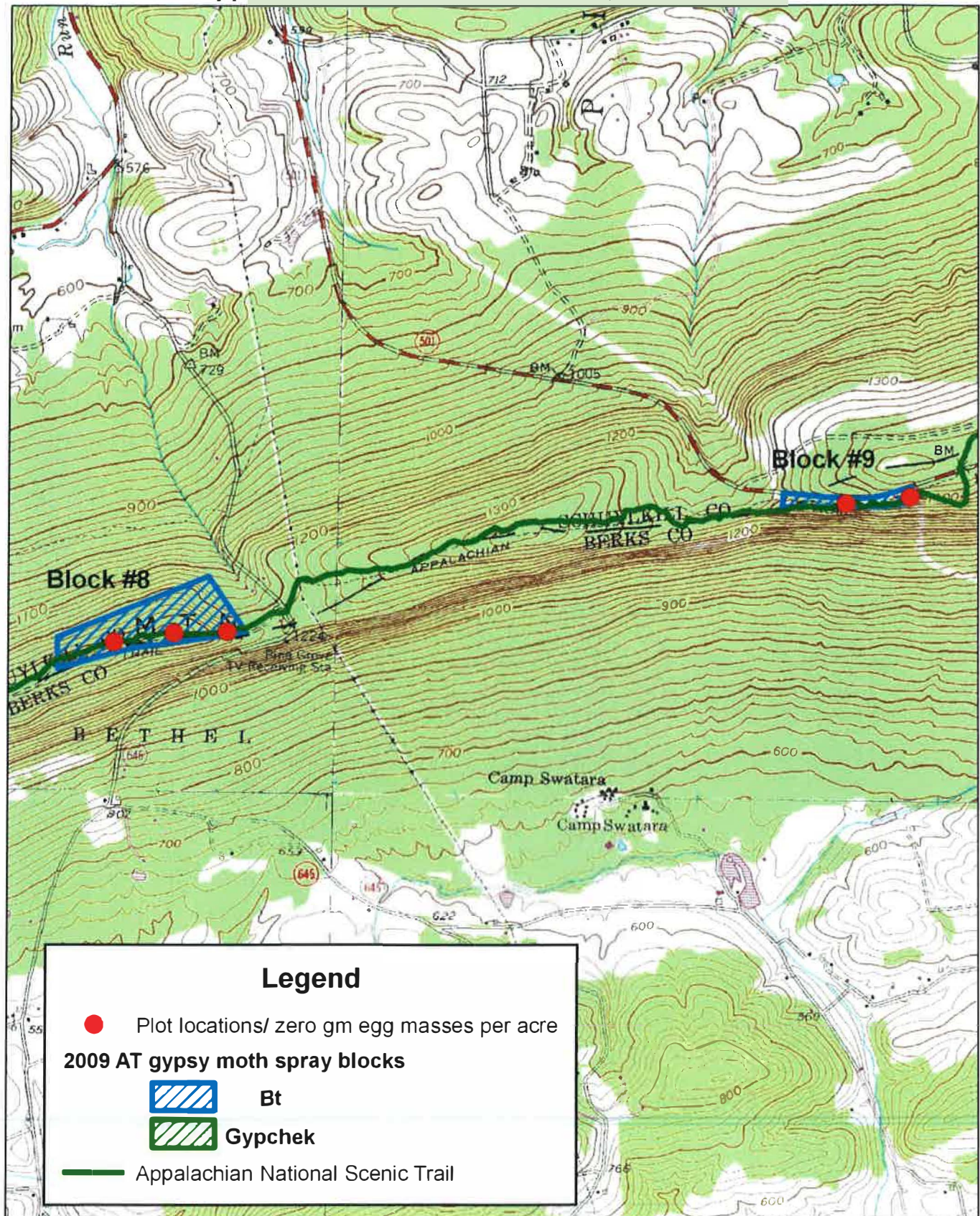
Figure 7. Gypsy moth egg mass survey plot locations in block #7 on Appalachian Trail in Pennsylvania, Sept 16, 2009.



0 0.1 0.2 0.4 0.6 0.8 Miles



Figure 8. Gypsy moth egg mass survey plot locations in blocks #8 and #9 on Appalachian Trail in Pennsylvania, Sept 16, 2009.



0 0.1 0.2 0.4 0.6 0.8 Miles

